

AMENDMENT UNDER 37 C.F.R. § 1.111
USSN 09/801,382

-- 70. (New) The method of claim 65, wherein the ink comprises a liquid carrier medium and a polymeric material.

71. (New) The method of claim 70, wherein the polymeric material comprises from about 2 to about 7 weight % of the liquid ink.

72. (New) The method of claim 65, wherein the ink comprises a liquid carrier medium and a small molecule material.

73. (New) The method of claim 72, wherein the small molecule material comprises from about 2 to about 7 weight % of the liquid ink.

74. (New) The method of claim 70, wherein the liquid carrier medium is selected from the group consisting of water, alcohol and mixtures thereof.

75. (New) The method of claim 70, wherein the liquid carrier medium comprises an alcohol selected from the group consisting of methanol, ethanol and isopropanol.

76. (New) The method of claim 70, wherein the polymeric material comprises a polymer selected from the group consisting of polymethylmethacrylates, polyvinylcarbazoles, polybutadienes and polyesters.

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77. (New) The method of claim 70, wherein the ink further comprises a fluorescent dye.

78. (New) The method of claim 77, wherein the fluorescent dye comprises from about 0.1 to about 6 weight % relative to the polymeric material.

79. (New) The method of claim 72, wherein the ink further comprises a fluorescent dye.

80. (New) The method of claim 79, wherein the fluorescent dye comprises from about 0.1 to about 6 weight % relative to the polymeric material.

7 81. (New) A method for constructing a display device comprising ink jet printing a liquid ink onto a substrate in a specified pattern wherein the liquid ink comprises a liquid carrier medium and a polymeric material.

82. (New) The method of claim 81, wherein the polymeric material comprises from about 2 to about 7 weight % of the liquid ink.

83. (New) The method of claim 81, wherein the liquid carrier medium is selected from the group consisting of water, alcohol and mixtures thereof.

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84. (New) The method of claim 81, wherein the liquid carrier medium comprises an alcohol selected from the group consisting of methanol, ethanol and isopropanol.

85. (New) The method of claim 81, wherein the polymeric material comprises a polymer selected from the group consisting of polymethylmethacrylates, polyvinylcarbazoles, polybutadienes and polyesters.

86. (New) The method of claim 81, wherein the liquid ink further comprises a fluorescent dye.

87. (New) The method of claim 86, wherein the fluorescent dye comprises from about 0.1 to about 6 weight % relative to the polymeric material.

88. (New) The method of claim 86, wherein the specified pattern comprises tri-color pixels each having a red, green and blue light emitting region.

89. (New) The method of claim 88, wherein the fluorescent dye in the red light emitting region comprises a dye selected from the group consisting of xylene orange, lumogen red, cresyl violet, diethylthiacarbocyanine, ethidium bromide, oxazine 170, Nile blue, oxazine 1, 1,3-bis[4-(dimethylamino)phenyl]-2,4-dihydroxycyclobutenediylum, and 1,3-bis[4-(dimethylamino)-2-hydroxyphenyl]-2,4-dihydroxycyclobutenediylum.

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90. (New) The method of claim 88, wherein the fluorescent dye in the green light emitting region comprises a dye selected from the group consisting of acridine orange, acridine yellow, acriflavin, dichlorofluorescence, 3,6-diaminoacridine, fluorescein isothiocyanate, lucifer yellow, quinacrine rhodamine 123, quinacridone, dimethylquinacridone, fluorescein, rhodamine 110, rhodamine 6G, and coumarin 6.

91. (New) The method of claim 88, wherein the fluorescent dye in the blue light emitting region comprises a dye selected from the group consisting of 8-anilino-1-naphthalenesulfonic acid, 1,3-diphenyl-1,3-butadiene, diphenylhexatriene, Hoescht 33258, Hoescht 33324, thioflavin T, diamidino-2-phenylindole*2HCL, coumarin 152, coumarin 20, coumarin 2, coumarin 339, coumarin 1, coumarin 138, coumarin 102, coumarin 314, and coumarin 30.

92. (New) The method of claim 81, wherein the substrate is selected from the group consisting of glass and polymeric substrates.

93. (New) The method of claim 81, wherein the substrate is transparent.

94. (New) The method of claim 81, wherein the substrate is flexible. --